

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zhong Wang	01/26/2009
Brian Spohn	01/27/2009
Miles K. Maxey	01/26/2009
Jonathan J. Stec	01/27/2009
Timothy E. McCarthy	01/27/2009
Vincent A. White	01/26/2009
John F. Van Gilder	01/26/2009
Lan Wang	01/26/2009
Jun Lu	01/26/2009

RECEIVING PARTY DATA

Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC.
Street Address:	P.O. BOX 300
Internal Address:	Mail Code 482-C23-B21
City:	DETROIT
State/Country:	MICHIGAN
Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12361109

CORRESPONDENCE DATA

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PATENT

500765817

REEL: 022168 FRAME: 0302

CH \$40.00 12361109

Address Line 4: Bloomfield Hills, MICHIGAN 48303

ATTORNEY DOCKET NUMBER:	P004229-PTCS-CD
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NAME OF SUBMITTER:	Michael D. Wiggins
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<p>Total Attachments: 4 source=Assignment P004229#page1.tif source=Assignment P004229#page2.tif source=Assignment P004229#page3.tif source=Assignment P004229#page4.tif</p>

Customer No. 74175
P004229-PTCS-CD, Page 1 of 2

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P004229-PTCS-CD entitled

PLUG-IN HYBRIDS EVAP VALVE MANAGEMENT TO REDUCE VALVE CYCLING

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES and MICHAEL D. WIGGINS to insert the application number and filing date of said application here in parentheses (12341109) filed 1-28-09 when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No	Filed
61/030658	22-FEB-2008

Inventor's signature

Zh

Date

01-26-2009

Full name :

ZHONG WANG

Declaration dated :

Residence :

BELLEVUE, WASHINGTON

01-26-2009

Inventor's signature

Date

Full name :

BRIAN SPOHN

Declaration dated :

Residence :

HOLLY, MICHIGAN

Inventor's signature

Date

Full name :

MILES K. MAXEY

Declaration dated :

Residence :

HOLLY, MICHIGAN

Inventor's signature

Date

Full name :

JONATHAN J STEC

Declaration dated :

Customer No. 74175
P004229-PTCS-CD, Page 1 of 2

ASSIGNMENT


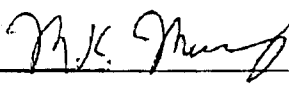
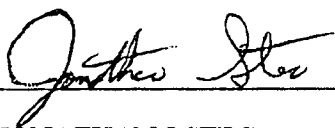
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P004229-PTCS-CD entitled

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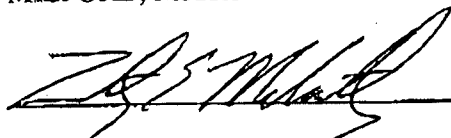
If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No Filed
61/030658 22-FEB-2008

Inventor's signature	_____	Date	_____
Full name :	ZHONG WANG	Declaration dated :	_____
Residence :	BELLEVUE, WASHINGTON		_____
Inventor's signature		Date	<u>01/27/09</u>
Full name :	BRIAN SPOHN	Declaration dated :	_____
Residence :	HOLLY, MICHIGAN		_____
Inventor's signature		Date	<u>01/24/09</u>
Full name :	MILES K. MAXEY	Declaration dated :	_____
Residence :	HOLLY, MICHIGAN		<u>01/24/09</u>
Inventor's signature		Date	<u>01/27/09</u>
Full name :	JONATHAN J STEC	Declaration dated :	_____

Residence : MILFORD, MICHIGAN

Inventor's signature



Date 27 JAN 09

Full name : TIMOTHY E. MCCARTHY

Declaration dated :

Residence : GRAND BLANC, MICHIGAN

27 JAN 09

Inventor's signature

Date

Full name : VINCENT A. WHITE

Declaration dated :

Residence : NORTHVILLE, MICHIGAN

Inventor's signature



Date 26 JAN 2009

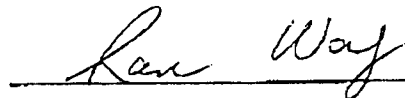
Full name : JOHN F. VAN GILDER

Declaration dated :

Residence : WEBBERVILLE, MICHIGAN

26 JAN 2009

Inventor's signature



Date 1/26/09.

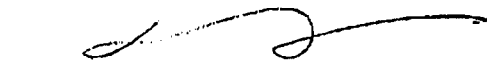
Full name : LAN WANG

Declaration dated :

Residence : TROY, MICHIGAN

1/26/09

Inventor's signature



Date 26 Jan 2009

Full name : JUN LU

Declaration dated :

Residence : NOVI, MICHIGAN

26 Jan 2009

Residence :	MILFORD, MICHIGAN	_____
Inventor's signature	_____	Date _____
Full name :	TIMOTHY E. MCCARTHY	Declaration dated : _____
Residence :	GRAND BLANC, MICHIGAN	_____
Inventor's signature	<u>Vincent A White</u>	Date <u>1/26/2009</u>
Full name :	VINCENT A. WHITE	Declaration dated : _____
Residence :	NORTHVILLE, MICHIGAN	<u>1/26/2009</u>
Inventor's signature	_____	Date _____
Full name :	JOHN F. VAN GILDER	Declaration dated : _____
Residence :	WEBBERVILLE, MICHIGAN	_____
Inventor's signature	_____	Date _____
Full name :	LAN WANG	Declaration dated : _____
Residence :	TROY, MICHIGAN	_____
Inventor's signature	_____	Date _____
Full name :	JUN LU	Declaration dated : _____
Residence :	NOVI, MICHIGAN	_____